

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 109395.01		APPLICATION NO. New U.S. Patent Application	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT(S) Nobuyuki IRIE			
				FILING DATE July 29, 2003		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
P/L	1	5,461,237	10/24/1995	Wakamoto et al.			
P/L	2	5,486,896	1/23/1996	Hazama et al.			
P/L	3	5,539,521	7/23/1996	Otokake et al.			
P/L	4	5,593,800	1/14/1997	Fujioka et al.			
P/L	5	5,710,620	1/20/1998	Taniguchi			
P/L	6	5,801,815	9/1/1998	Takahashi			
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P/L	8	6,213,607 B1	4/10/2001	Watanabe et al.			
P/L	9	6,337,162 B1	1/8/2002	Irie			
P/L	10	6,463,577 B1	10/8/2002	Omata et al.			
P/L	11	2001/0020643 A1	9/13/2001	Matsumoto et al.			
P/L	12	2002/0187406 A1	12/12/2002	Magome et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
P/L	13	JP A 9-148228 w/ abstr & trans	6/6/1997	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER <i>P/L</i>				DATE CONSIDERED <i>8/19/04</i>			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: July 29, 2003